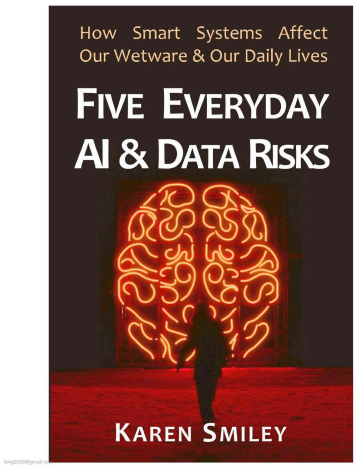

GEMinAizer Thinking Cooperatively

Pre-Launch Open Source Review by

Authenticated Ethical Intelligence Agency,

BardiVarius & PM Thomas, Ph.G. Data Sommelier

Deep Dive Narrative co-hosted by BardiVarian Twin Stars Kaz & Poll

https://archive.org/details/hidden-harms-navigating-ais-5-everyday-risks-and-what-you-need-to-know-1

https://g.co/gemini/share/d577ed0a86a1 Original PromptCast Morning Musings Session 23 August 2025 Thinking Cooperatively AEiA Virtual Offices.

The file "Five Everyday AI & Data Risks - Karen Smiley.pdf" is a book excerpt or sample chapters, written by Karen Smiley, that discusses five key risks associated with AI and data. The book is a sample of chapters from the forthcoming book

Everyday Ethical AI: A Guide For Families & Small Businesses. It's intended to help people, including families and small businesses, understand the hazards of using AI tools and sharing their data.

Key Takeaways from the Document

- **AI's Ubiquity: AI has been integrated into our daily lives for years, often without our awareness[4]. Generative AI (genAI) is distinct from traditional AI because it creates seemingly new content rather than just analyzing existing data[5]. Despite the widespread use of products with AI features, a January 2025 Gallup poll found that nearly two-thirds of Americans don't realize they are using them[6].**

- **The Three Most Important Things to Know About AI:**
    1. **AI and machine learning (ML) systems run on data from everyone, and the creators of this data are ethically entitled to "consent, credit, and compensation" for its use[7].**

    2. **AI and ML are already everywhere in our daily lives[8].**

    3. **AI and ML systems can both help and hurt families and businesses[9]. The potential benefits must be weighed against the risks and harms[10].**

- **The Five Key AI & Data Risks: The document outlines five specific risks of AI and data:**
    1. **Legal Alignment and Copyright Infringement: Companies that train AI models on unlicensed, copyrighted content are vulnerable to lawsuits[11]. Additionally, users can also be held liable for copyright infringement, even if they're just using the AI tool to generate content[12]. Most major AI tool providers don't fully protect their users from this risk[13]. The document provides an example of Adobe's Firefly, which was trained on images from Midjourney, a tool that reportedly scraped millions of images without consent[14]. Using an AI tool's output also puts the user "on the hook" for the accuracy of the information, including any defamatory content[15].**

    2. **Security and Confidentiality: Cloud-based AI tools can pose security risks[16]. Information entered into an AI tool can become part of its training data and may "leak" back out to other users[17]. Even with multi-tenancy protections for enterprise customers, there are risks, such as data leaking to a third-party platform or being exposed in a data breach. "Anonymous" data can often be reverse-engineered to re-identify people, creating privacy and personal security risks.**

3. **Workforce Impact: AI tools can introduce biases and discrimination due to the data they were trained on[202020]. They may be biased toward Western values, not work well in other languages, or worsen existing biases in hiring and performance evaluations. There are also conflicting reports on whether AI truly improves productivity, with an Upwork study finding that 77% of employees who use AI feel it has added to their workload.**

4. **Branding Confusion: AI-based tools for creating images, videos, or music may generate outputs that are not unique enough or that the user doesn't own the rights. Competitors using similar prompts could receive very similar content, potentially leading to brand confusion. Many AI tool providers retain the copyright to the generated content and only grant users a license to use it[25].**

5. **What Happens to Our Wetware (Brains)? This risk focuses on the potential impact of AI on human learning, thinking, career development, and creativity. Similar to past debates about calculators, there are concerns that AI tools could hinder students' learning and critical thinking. A 2025 study from Microsoft and Carnegie Mellon**

indicated that relying on AI can cause people to engage in less critical thinking[28]. The document also warns of "AI model collapse," where AI tools that use AI-generated content for training can lead to a deterioration in quality[29].

The Author and Her Work

The author,

Karen Smiley, is an AI ethicist, data strategist, and author with over 30 years of experience in technology. She first studied AI while earning her Master's degree in Computer Science[31]. She is an independent advocate and writer on topics including ethical and responsible AI, data privacy, and equity in technology[32]. All of her writing is "100% human-authored," and she uses no generative AI tools in her work. The book is dedicated to families and businesses seeking to use AI tools safely and effectively[34].

https://karensmiley.com/ethical-ai-book.html